

Thursday, July 26, 2012

Renewable Energy at Closed Landfills Workshop

The Massachusetts Department of Environmental Protection (MassDEP) and [Department of Energy Resources](#) (DOER) - with support from the [Environmental Business Council of New England](#) - presented this workshop on July 26, 2012, in Boxborough.

The program provided municipal officials, solid waste consultants and renewable energy developers with the tools they need to assess the redevelopment potential of closed landfill sites, navigate the permitting process, and harness state incentives. It showcased successful renewable energy installations on closed municipal landfills, including a 2.3 megawatt solar array in Easthampton, a 1.8 megawatt wind turbine in Kingston, and other renewable energy-on-landfill projects in Canton, Greenfield, Lancaster and Scituate. You may review the day's presentations below.

How Two Massachusetts Landfills Were Recycled

Easthampton Solar

Mayor Michael Tautznik, City of Easthampton & Joseph Harrison, Borrego Solar
[MS Powerpoint](#) 12.2 MB | [PDF](#) 1.8 MB

Kingston Wind

Thomas Bott, Town of Kingston
[PDF](#) 6.2 MB

Scoping Things Out: Technologies, Siting Considerations & Incentives

Solar Energy

Natalie Andrews, Department of Energy Resources (DOER)
[MS Powerpoint](#) 2.3 MB | [PDF](#) 697 KB

Wind Energy

Nils Bolgen, Massachusetts Clean Energy Center
[MS Powerpoint](#) 2.4 MB | [PDF](#) 784 KB

Landfill Post-Closure Use Permit Critical Components

John Carrigan, Department of Environmental Protection (MassDEP)
[MS Powerpoint](#) 428 KB | [PDF](#) 106 KB

Covenants & Kilowatts: Ownership Models & Connecting to the Grid

Ownership Models & Other Key Considerations

Erin Sweet, The Cadmus Group
[PDF](#) 1.5 MB

Connecting to the Grid

Timothy Roughan, National Grid
[MS Powerpoint](#) 1.4 MB | [PDF](#) 433 KB

Equipment & Expertise: The Procurement Process

Energy Management Services Contracting

Eileen McHugh, DOER
[MS Powerpoint](#) 765 KB | [PDF](#) 752 KB

Chapter 30B Procurement Procedures

Nicholas Read, Office of the Inspector General
[MS Powerpoint](#) 802 KB | [PDF](#) 115 KB

Getting it in the Ground: Permitting, Design & Long-Term Maintenance

Landfill Post-Closure Use Permitting Guidelines

Lynne Welsh, MassDEP
[MS Powerpoint](#) 6.0 MB | [PDF](#) 2.0 MB

Design & Long-Term Maintenance: Solar PV on a Capped Municipal Landfill

Ellen Ebner, Tighe & Bond
[MS Powerpoint](#) 7.7 MB | [PDF](#) 10.0 MB